OLD				ATTY DOCKET NO. UC97-156		SERIAL NO. 09/849,096				
INFORMATION DISCLOSURE CITATION (Use several stagets if necessary)					SOLGAARD, O. ET AL.					
MAY 0 6 2002 \$					FILING GROUP					
	-\;	DOCUMENT NUMBER	U.	S. PATENT	DOCUMENTS			2874		
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
AL		5,504,575	04/1996	Stafford	ł	356	330	IF APPROP	HIATE	
ADL		5,796,479	08/1998	Dericks	on et al.	356	326			
M		6,263,123	07/2001	Bishop	et al.	385	15			
)										
•				-					-24.5	
				<del> </del>						
							-			
			FOR	EIGNI DATE	NT DOCUMENTS					
				EIGN PATE			F	TRANS	SLATION	
		DOCUMENT NUMBER	DATE		COUNTRY CLASS		SUBCLASS	YES	NO	
					<del></del>					
				ļ						
		OTHER DOCUM	ENTS (Includi	ng Author	, Title, Date, Pertinent I	Pages, Etc	··)			
EXAMINE		D. LEE John	D. Les		DATE CONSIDERED	IEUST	2002			
*EXAMINE	R: Initi	al if reference/considered, wheth	ner or pot citation is	s in conform				onformance	and not	
considered	. INCIL	ide copy of this form with next co	ammunication to a	pplicant.						

Form PTO-A820 (also form PTO-1449)

Copyright 1994-97 LegalStar

P09C/REV03

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

					Docket Number (Optional)		Application Number			
/	INF/P	RMATION DISCLOSURE	CITATION	UC97-156-9 Applicant(s)			928,327			
	,	(Use several sheets if necessa		O. SOLGAARD; J. HERITAGE; A. BHATTARI						
MAY	2 2 2	2002 (S)			Filing Date AUGUST 10, 20		Group Art Unit	2874		
THE STATE OF THE S			<u> </u>	U.S. PAT	ENT DOCUMENTS					
EXAMINE INITIAL	ADEN	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING I		
		4,983,039	01/1991	Harada	et al.			II MI KOI	MATE	
		5,627,925	05/1997	Alferness et al.						
		<u>.</u>								
							1			
								<del></del> .		
		F	1	FOREIG	N PATENT DOCUMENTS					
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Transla YES	NO NO	
		0 548 830	06/1993	EP						
	*									
				<u></u>						
					•	-	Date, Pertinent Pa			
		1			OSSBAR SWITCH USIN				40	
					odulators and Application  SA Photonics Reports Tech				10-	
			-					·		
EXAMINER				DATE CONSIDERED						
		al if citation considered, whether c clude copy of this form with next c			ce with MPEP Section 609; [	Praw line thro	ugh citation if not	in conforma	nce and	
-		·								

				Docket Number (Optional) UC97-15		Application Number 09/849,096			
	INFO	RMATION DISCLOSUR (Use several sheets in news			Applicant(s) SOLGAARD ET AI	<u>.</u>	· • • • • • • • • • • • • • • • • • • •		
		/01.	~	Filing Date		roup Art Unit	-		
		110.00	<u> </u>		MAY 4, 20	01		2874	
		AUG 28		U.S. PAT	ENT DOCUMENTS				
*EXAMINER INITIAL	REF	DOCUMENT NEWBER TRADE	ART DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	j
									-
		,							
					<del></del>				
		,			-				
		•							
						*			
	-		•	FOREIG	N PATENT DOCUMENTS	3		L <u>-</u>	
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	lation NO
ADL	-	2,617,054	06/1997	JPN				>	
		•		OTHER I	OOCUMENTS (Including	g Author, Title, De	ate, Pertinent Pa	ges, Etc.)	
ADJ	Timofeev, F.N. et al.; "1.5um FREE-SPACE GRATING MULTI/DEMULTIPLEXER AND ROUTING SWITCH," Electronics Letters, Vol. 32, No. 14, pp. 1307-1308, July 4, 1996.								
						<del></del>			
EXAMINE	R ToHA	VD. LEE John	D. Ju		DATE CONSIDERED  2   AUGU	1ST 200	)3		
EXAMINE	R: Initi	al if citation considered, whether clude copy of this form with next	or not citation is in	n conforman				in conform	ance and
		Top, transfer and the text		- F					

· Lame				UC97-156		09/8	349,096			
	INFO	RMATION DISCLOS	URE CITATION	Applicant(s) OLAV SOLGAARD; 1	ET AL.					
		(Use several sheets if ne	Cossany ( P Z	Filing Date		Group Art Unit		• • • • • • • • • • • • • • • • • • • •		
			0FN 0 E 7/11/F/ 1	MAY 4, 2001		2	874			
			8	U.S. PATENT DOCUMENTS	·					
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	PADENTER C	NAME	CLASS	SUBCLASS	FILING IF APPRO			
ADI		4,678,332	07/1987	Rock et al.	35%	328		٠,		
M		5,233,405	08/1993	Wildnauer et al.	356	328 323				
HIL		6,204,919	03/2001	Barshad et al.	356		REC			
					* 42	L 2002	IVED			
					\$.180.21	2800				
					, 4					
		**************************************								
				FOREIGN PATENT DOCUMENTS						
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Trans YES	slation NO		
		·								
				OTHER DOCUMENTS (Including	Author, Title,	Date, Pertinent Pa	ges, Etc.)			
-										
EXAMINE	R OHA	, D. LEE &	John D. Lu	DATE CONSIDERED 2) AUGU	IST 2	003				
EXAMINE	R: Initi	ial if citation considered, who iclude copy of this form with	ether or not citation is in	conformance with MPEP Section 609; D			in conform	nance and		
5 DTO	A000		Form DTO ARCO  PogA/REV04  Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE							

Application Number

					UC97-15	6-8	09/	849,096	
1011	<b>L</b> INEO	RMATION DISCLOSUR (Use several sheets if neces			Applicant(s) OLAV SOLGAAR	D ET AL.			
FEB 1 9 2003 🛣					Filing Date Group Art Unit MAY 4, 2001 2874				
EX.		3		U.S. PAT	ENT DOCUMENTS				
E MARKE	Mary.	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	1	DATE OPRIATE
DDL		3,622,792	11/1971	Piccinia	nni	359	298		
DW		5,436,986	07/1995	Tsai	Tsai		16		
ADI		5,444,801	08/1995	Laughli	in	385	16		
				: :	-				
	<u> </u>			FOREIG	N PATENT DOCUMEN	rs	•	•	
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Translation	
								YES	NO
	ļ —								
						2 3			
	L			OTHER	DOCUMENTS (Includ	ling Author, Title,	Date, Per <del>tin</del> ent Pa	iges, Etc.)	<u> </u>
	T						~~~~		
							FEB 23	ECE	
	RECEIVED FEB 25 2003 2800 MAIL ROO								
EXAMINE	R OHA	S D. LEE Joh	n D. Lu		DATE CONSIDERED	1GUST 2	003		
EXAMINE	R: Initi	al if citation considered, whether	r or not citation is	in conformar	<del>^</del>			t in conform	nance and
5 P*0	Poga/REV04 Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE								

Docket Number (Optional)

		Docket Number (Optional)	Application Number
		UC97-156-8	09/849,096
INFORM	ON DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s) OLAV SOLGAARD ET AL.	
/	and in	Filing Date	Group Art Unit
- FEB 1	9 2003 💩 ;	MAY 4, 2001	2874
*EXAMINER INITIAL	· · · · · · · · · · · · · · · · · · ·	le, Date, Pertinent Pages, Etc.)	
& TRAC	Masafumi et al.; "DESIGN AND PERFORM		
A12	BASED ON WAVELENGTH PATH CONCEPT,"	Journal of Lightwave Technology, Vo	ol. 14, No. 6, pp. 1106-1119,
	June 1996.		!
	Koga, Masafumi et al.; "8 X 16 DELIVERY-AND-C	COUPLING-TYPE optical switches fr	ro a 320-Gbit/s THROUGHPUT
ADI	OPTICAL PATH CROSS-CONNECT SYSTEM,"	OFC /96 Technical Digest, pp. 259-26	51, (1996).
	Toshiyoshi, Hiroshi et al.; "ELECTROSTATIC MI	ICRO TORSION MIRRORS FOR AT	N OPTICAL SWITCH MATRIX,"
Joseph Janes	Journal of Microelectromechanical Systems, Vol. 5,	, No. 4, pp. 231-237, December 1996.	
	Toshiyoshi, Hiroshi et al.; "AN ELECTROSTATIC	CALLY OPERATED TORSION MIR	ROR FOR OPTICAL
AAL	SWITCHING DEVICE," presented at Transducer's		
0,50	Actuator) Stockholm, Sweden, pp. 297-300, June 25		ordin State Scinors and
<del></del>		· · · · · · · · · · · · · · · · · · ·	THE PAR BY OF CALLS
ا م	OkamotO, Satoru et al.; "OPTICAL PATH CROSS		
<b>JD7</b>	TRANSPORT NETWORK," Journal of Lightwave		·
_	Okamoto, Satoru et al.; "OPTICAL PATH CROSS	-CONNECT SYSTEMS FOR PHOTO	ONIC TRANSPORT
g Do	NETWORKS," NTT Transmission Systems Labora	atories, IEEE, pp. 474-480, (1993).	
-	Sato, Ken-ichi et al.; "OPTICAL PATHS AND REA	ALIZATION TECHNOLOGES," NT	T Optical Nework Systems
JOS	Laboratories, IEEE, pp. 1513-1520, (1994).		
-			
		,	
			C
			28 F Z)
			800 EB (E)
			- Z C :
			RECEIVED FEB 25 2003 2800 MAIL ROOM
		·	/ED 2003
			<u> </u>
			Ĭ
			•
		•	
EXAMINER		DATE CONSIDERED	
	John D. Ten		2
JOHN I	D. LEE John D. Ju	21 AUGUST 200	<u> </u>
*EXAMINEK: Initial II	if citation considered, whether or not citation is in conformal le copy of this form with next communication to applicant.	nce with MPEP Section 609; Draw line the	rough citation if not in conformance and